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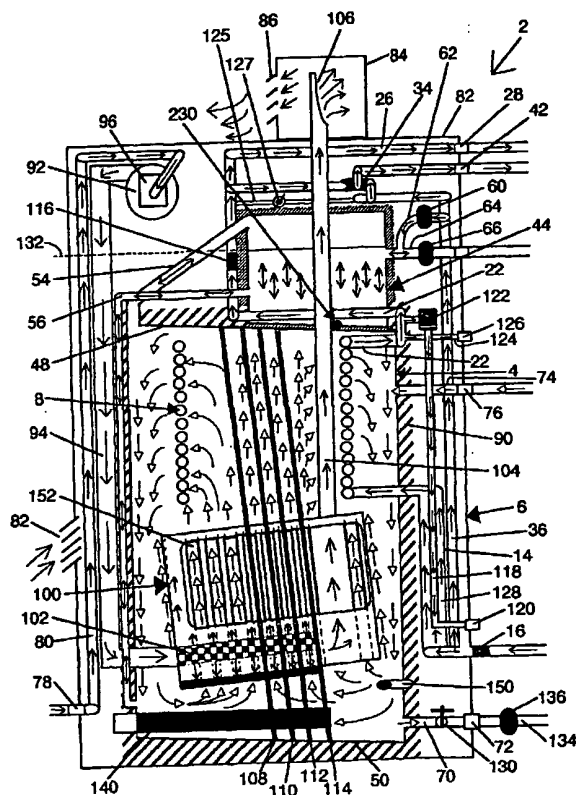
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(54) Title: WATER HEATING APPARATUS



(57) Abstract: Water heating apparatus including:
a storage tank for storing heated water; a gas burner
assembly for heating water in the tank; the gas burner
assembly including: a housing; a gas burner in the
housing; at least one passage through the housing; and
mounting means for mounting the housing in the tank
such that, in use, it is immersed in water within the
tank and wherein, when the gas burner is operated, the
temperature of the housing rises and heat transfer to the
water in the tank occurs and a convection current in the
water flows through the at least one passage to thereby
increase heat transfer to the water.

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